

Docket No. 249205US8



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Shinji TAKEDA, et al.

SERIAL NO: 10/782,929

GAU: 2617

FILED: February 23, 2004

EXAMINER: KARIKARI, K.

FOR: MULTI-HOP COMMUNICATION SYSTEM, RADIO CONTROL STATION, RADIO STATION AND MULTI-HOP COMMUNICATION METHOD

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the attached Canadian Office Action and listed on the attached form PTO-1449.
- ☒ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☒ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☐ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

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Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Handwritten signature of Bradley D. Lytle

Bradley D. Lytle

Registration No. 40,073

Scott A. McKeown

Registration No. 42,866



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July 26, 2006

ADR

GOWLING LAFLEUR HENDERSON LLP
2600 - 160 Elgin Street
OTTAWA Ontario
K1P 1C3

Application No. : 2,458,192
Owner : NTT DOCOMO, INC.
Title : MULTI-HOP COMMUNICATION SYSTEM, RADIO CONTROL STATION, RADIO STATION AND MULTI-HOP COMMUNICATION METHOD
Classification : H04L 12/28 (2006.01)
Your File No. : 08899881CA
Examiner : G. Matar

YOU ARE HEREBY NOTIFIED OF A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SUBSECTION 30(2) OF THE *PATENT RULES*. IN ORDER TO AVOID ABANDONMENT UNDER PARAGRAPH 73(1)(A) OF THE *PATENT ACT*, A WRITTEN REPLY MUST BE RECEIVED WITHIN 6 MONTHS AFTER THE ABOVE DATE.

This application has been examined taking into account applicant's correspondence received in this office on December 2, 2005.

The number of claims in this application is 19.

The examiner has identified the following defects in the application:

A search of the prior art has revealed the following:

Reference Applied:

United States Patent
6 097 703

August 1, 2000

Larsen et al.

Larsen et al. disclose a method of transmitting message data from an originating station to a destination station comprising:

- monitoring, at the originating station, the activity of other stations;
- transmitting the message data to at least a first intermediate station for onward transmission to the destination station;

Canada



- transmitting confirmation data back from the first intermediate station to the originating station; and characterized in that each station in the network monitors the quality of the signal path to other stations and in that the selection of the first intermediate station or any further intermediate stations is made opportunistically, at the time of the transmission of the message data, according to predetermined criteria including the monitored quality of the signal path between the transmitting station and potential intermediate stations (See Larsen et al. column 1, line 35 - column 5, line 7; column 6, line 62 - column 7, line 44; column 8, lines 42-48; column 8, line 54 - column 9, line 7; column 9, lines 49-63).

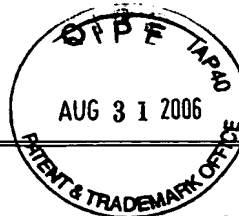
The claims on file do not comply with section 28.3 of the *Patent Act*. The subject matter of these claims would have been obvious on the claim date to a person skilled in the art or science to which they pertain having regard to Larsen et al.

A statement in an application, such as found on page 1, line 8 which incorporates by reference any other document, does not comply with subsection 81(1) of the *Patent Rules*.

In accordance with subsection 81(2) of the *Patent Rules*, all documents referred to in the description of an application must be available to the public. Reference to the document on page 1, lines 5-8 must be deleted or replaced by its corresponding patent number or publication number.

In view of the foregoing defects, the applicant is requisitioned, under subsection 30(2) of the *Patent Rules*, to amend the application in order to comply with the *Patent Act* and the *Patent Rules* or to provide arguments as to why the application does comply.

G. Matar
Patent Examiner
(819) 994-6366

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

249205US8

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LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Shinji TAKEDA, et al.

FILING DATE

February 23, 2004

GROUP

2617

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,097,703	08/01/2000	David V. LARSEN et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.